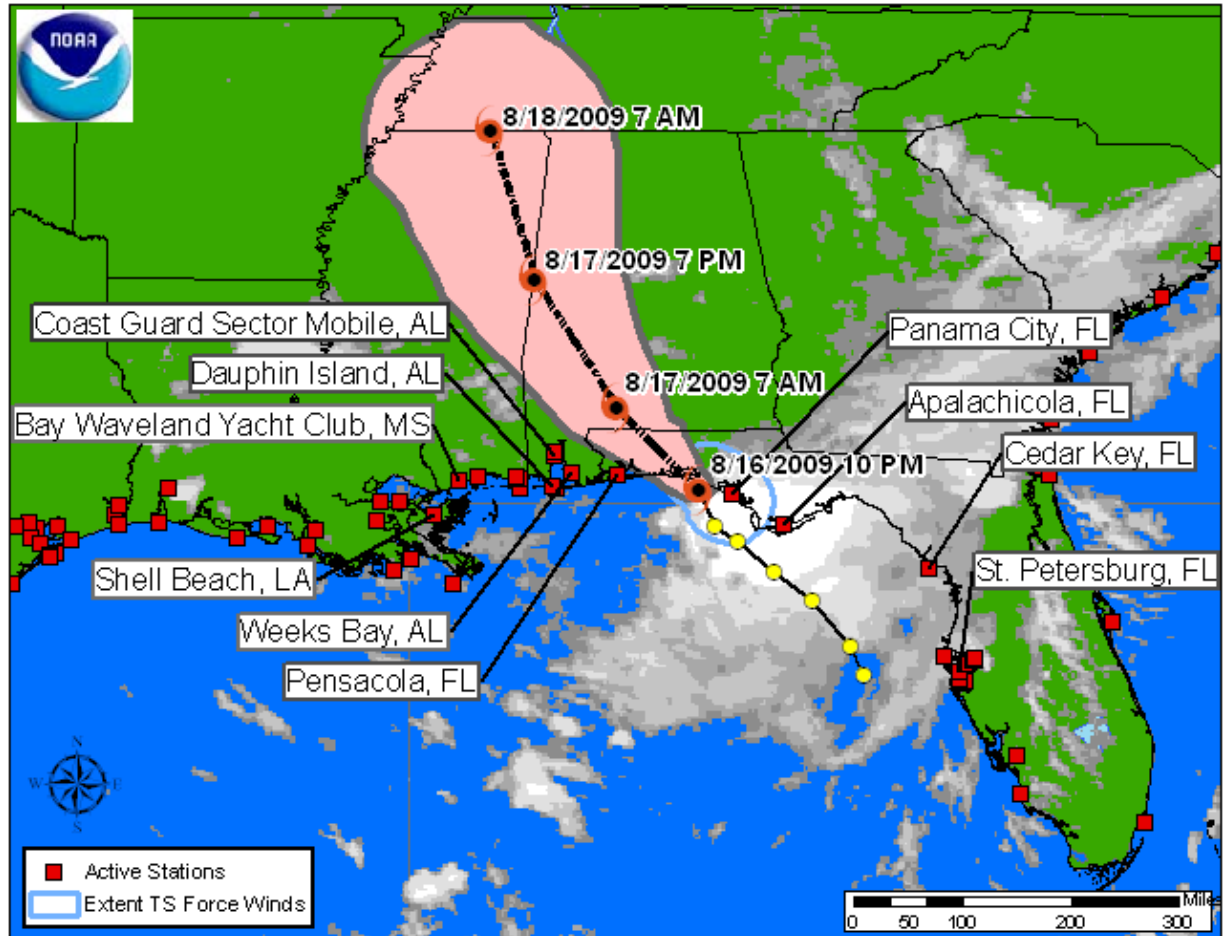




Tropical Storm CLAUDETTE QuickLook
Posted: 23:00 CDT 08/16/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/16/2009 23:00 EDT, water levels from the Florida panhandle to southeastern Louisiana are elevated and range between 0.7 to 2.0 ft above predicted. Water levels along the Gulf coast of Florida from Cedar Key southward are beginning to return to predicted values. Wind gusts up to 40 knots have been observed at Apalachicola and Panama City, FL.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Apalachicola, FL: Next predicted high tide is 2.0 ft (0.60 m) at 08/17/2009 12:18 EDT.

Panama City, FL: Next predicted high tide is 2.0 ft (0.61 m) at 08/17/2009 07:54 CDT.

Pensacola, FL: Next predicted high tide is 2.1 ft (0.63 m) at 08/17/2009 08:48 CDT.

Weeks Bay, AL: Next predicted high tide is 2.0 ft (0.61 m) at 08/17/2009 09:36 CDT.

Dauphin Island, AL: Next predicted high tide is 1.9 ft (0.57 m) at 08/17/2009 08:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tide is 1.8 ft (0.56 m) at 08/17/2009 10:12 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 2.3 ft (0.70 m) at 08/17/2009 09:06 CDT.

Shell Beach, LA: Next predicted high tide is 1.8 ft (0.55 m) at 08/17/2009 11:33 CDT.

Cedar Key, FL: Next predicted high tide is 3.1 ft (0.95 m) at 08/17/2009 01:00 EDT.

St. Petersburg, FL: Next predicted high tide is 2.9 ft (0.88 m) at 08/17/2009 11:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CLAUDETTE ADVISORY NUMBER 5

1000 PM CDT SUN AUG 16 2009

...CLAUDETTE TO MAKE LANDFALL VERY SOON...

AT 10 PM CDT THE TROPICAL STORM WARNING EAST OF THE AUCILLA RIVER FLORIDA HAS BEEN DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN EFFECT FROM THE ALABAMA/FLORIDA BORDER EASTWARD TO THE AUCILLA RIVER FLORIDA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS.

AT 1000 PM CDT THE CENTER OF TROPICAL STORM CLAUDETTE WAS LOCATED ABOUT 25 MILES WEST OF PANAMA CITY FLORIDA AND ABOUT 70 MILES EAST-SOUTHEAST OF PENSACOLA FLORIDA.

CLAUDETTE IS MOVING TOWARD THE NORTHWEST NEAR 12 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE INTO MONDAY. ON THIS TRACK THE CENTER WILL CROSS THE COASTLINE OF THE FLORIDA PANHANDLE IN A FEW HOURS AND MOVE INTO SOUTHERN ALABAMA LATER ON MONDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. NO SIGNIFICANT CHANGE IN STRENGTH IS EXPECTED PRIOR TO LANDFALL.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB...29.77 INCHES.

RAINFALL ACCUMULATIONS OF 3 TO 6 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE EXPECTED ACROSS THE FLORIDA PANHANDLE THE BIG BEND REGION OF FLORIDA CENTRAL AND SOUTHERN ALABAMA AND EXTREME SOUTHWESTERN GEORGIA.

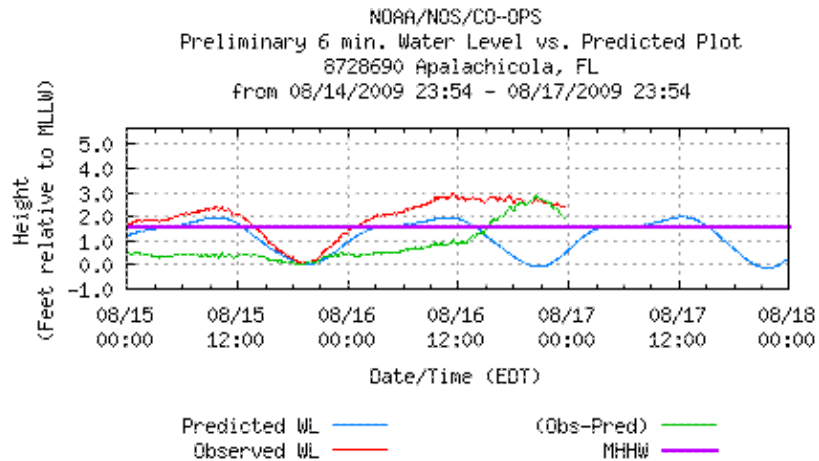
THE STORM TIDE IS EXPECTED TO PRODUCE MAXIMUM WATER LEVELS OF 3 TO 5 FEET ABOVE GROUND LEVEL ALONG PORTIONS OF THE FLORIDA PANHANDLE AND THE BIG BEND REGION OF FLORIDA.

FORECASTER PASCH

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Pensacola - Air/Water Temp](#), [Weeks Bay - Water Level](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Dauphin Island - Air/Water Temp](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Coast Guard Sector Mobile - Air/Water Temp](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Cedar Key - Water Level](#), [St. Petersburg - Water Level](#),

Apalachicola, FL - Station Map [Return to List](#)

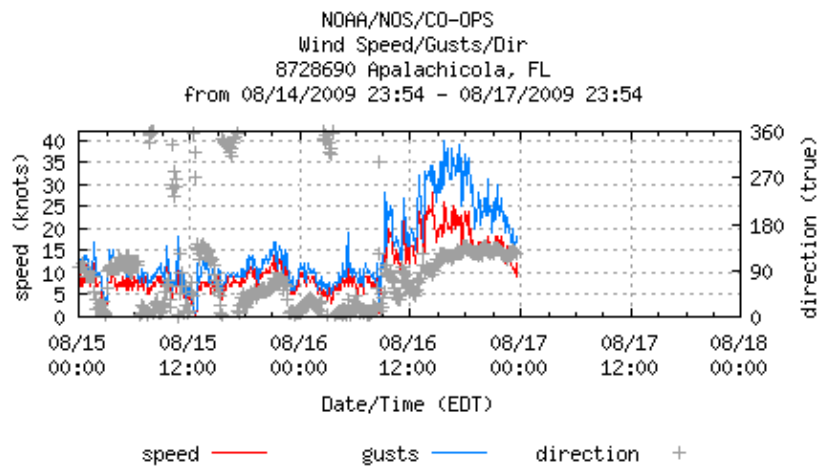


Last Observed Sample: 08/16/2009 23:42 (EDT)

Relative to **MLLW**: **Observed: 2.40 ft. Predicted: 0.52 ft. Residual: 1.88 ft.**

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above **MHHW**

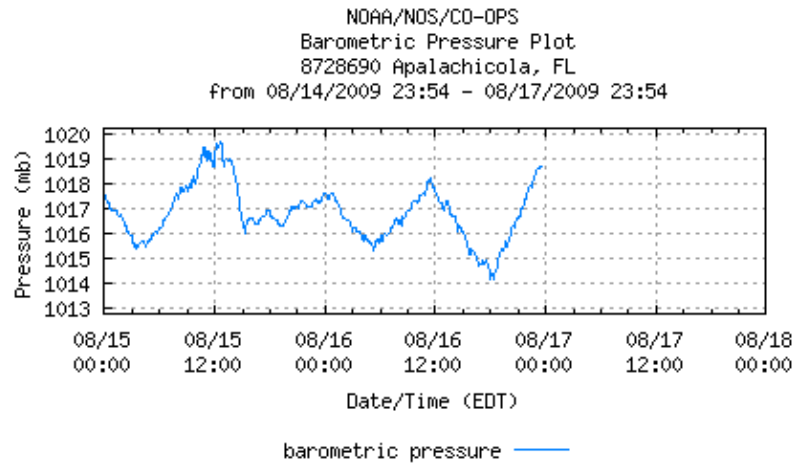
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 23:42 (EDT)

Wind Speed: 12 knots Gusts: 19 knots Direction: 121° T

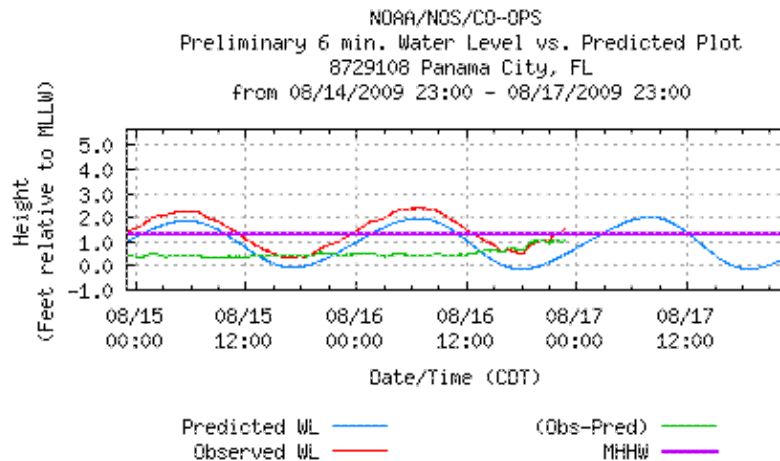
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 23:42 (EDT)

Barometric Pressure: 1018.8 mb

Panama City, FL - Station Map [Return to List](#)

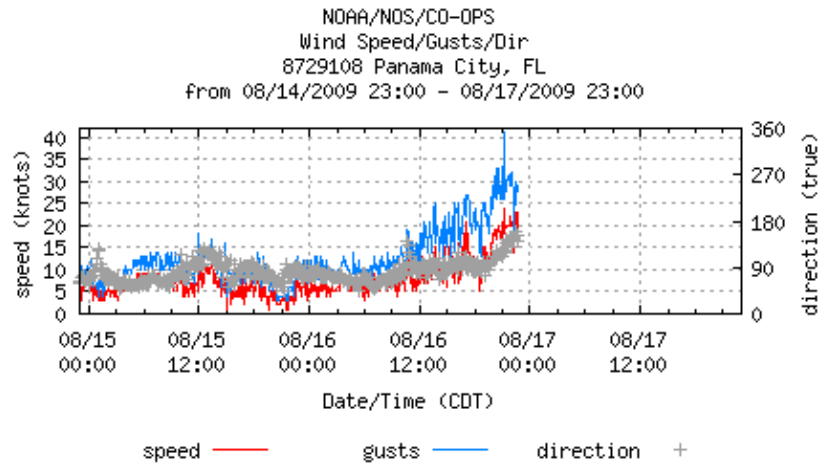


Last Observed Sample: 08/16/2009 22:42 (CDT)

Relative to **MLLW**: **Observed: 1.55 ft.** **Predicted: 0.47 ft.** **Residual: 1.08 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

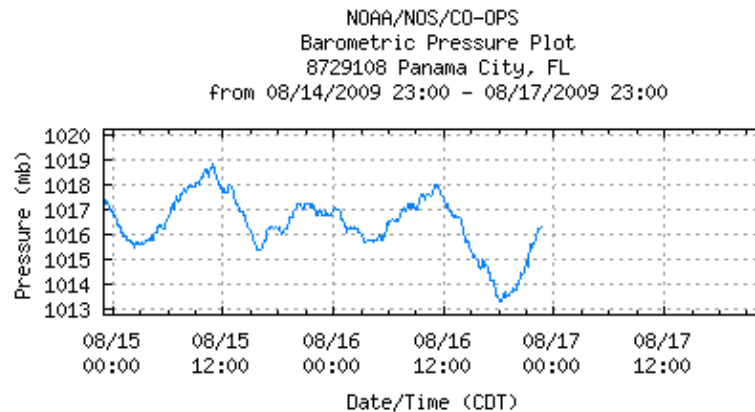
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)

Wind Speed: 23 knots Gusts: 29 knots Direction: 151° T

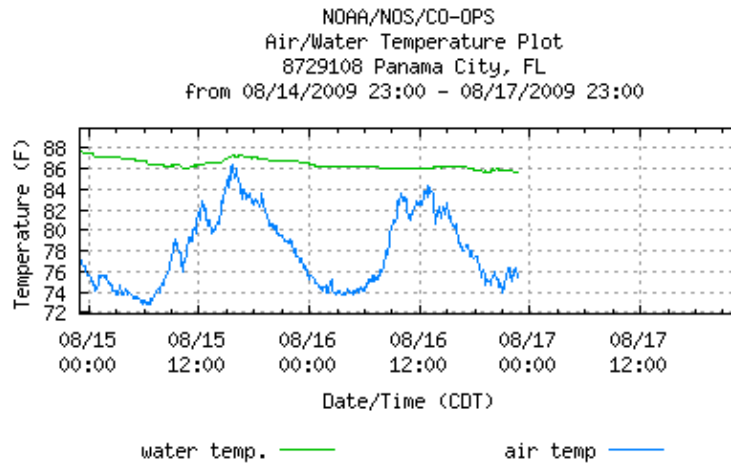
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:36 (CDT)

Barometric Pressure: 1016.3 mb

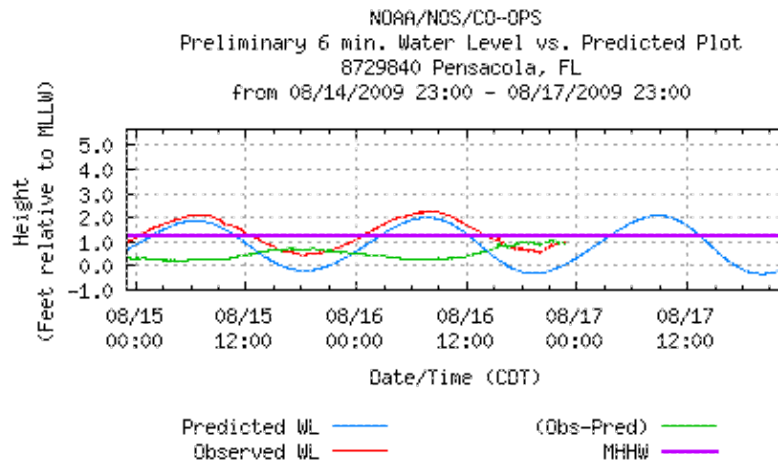
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:36 (CDT)

Water Temperature: 85.6° F Air Temperature: 75.4° F

Pensacola, FL - Station Map [Return to List](#)

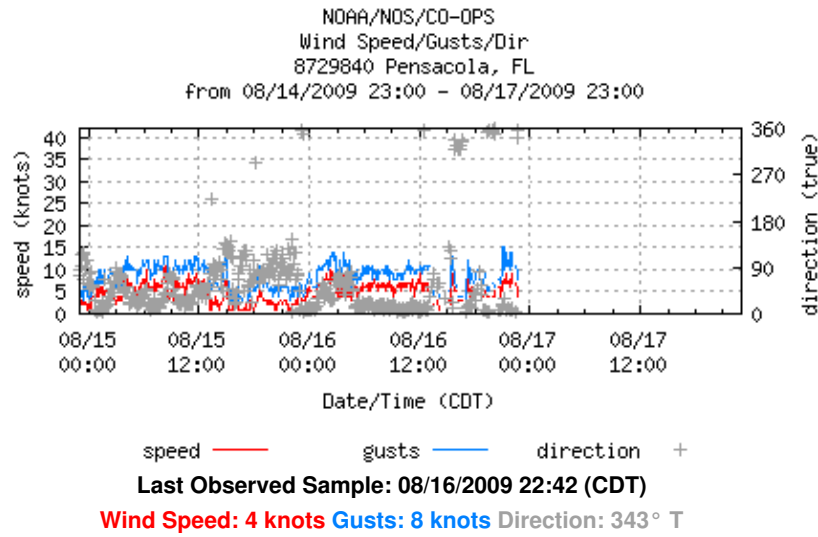


Last Observed Sample: 08/16/2009 22:42 (CDT)

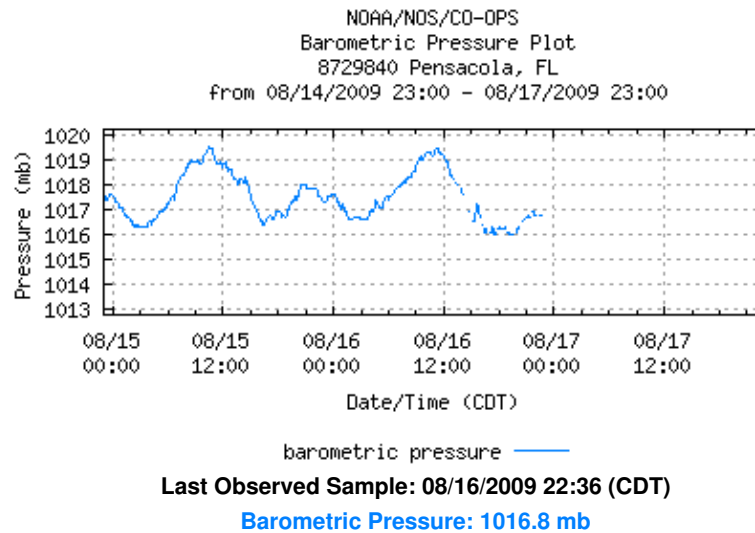
Relative to **MLLW**: Observed: 0.97 ft. Predicted: 0.05 ft. Residual: 0.92 ft.

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

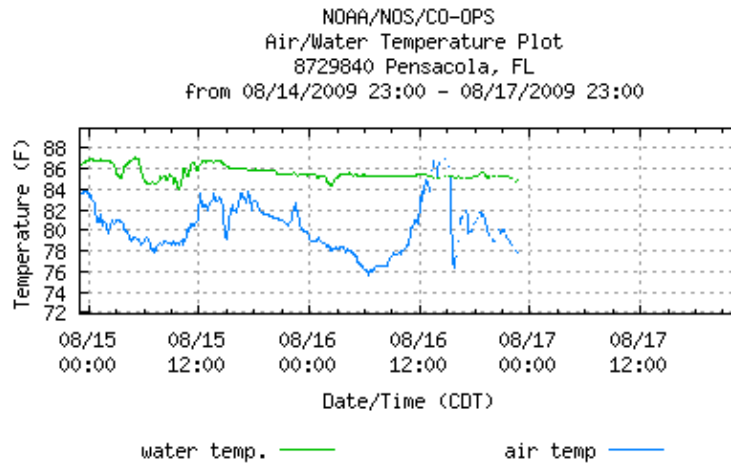
Pensacola, FL - Station Map [Return to List](#)



Pensacola, FL - Station Map [Return to List](#)



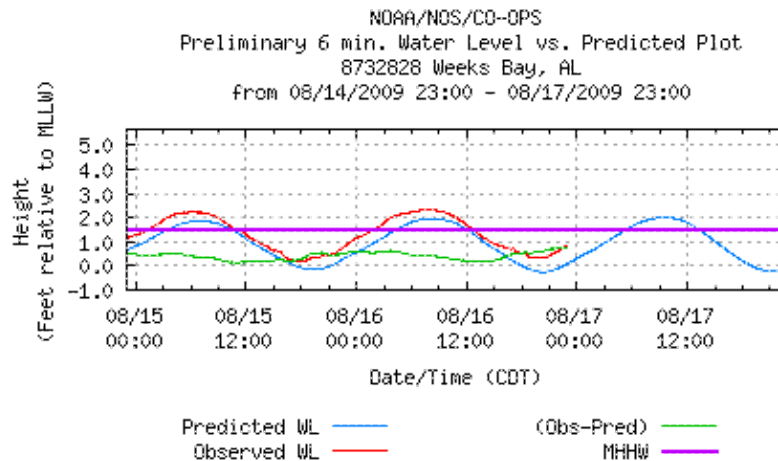
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:36 (CDT)

Water Temperature: 84.9° F Air Temperature: 77.9° F

Weeks Bay, AL - Station Map [Return to List](#)

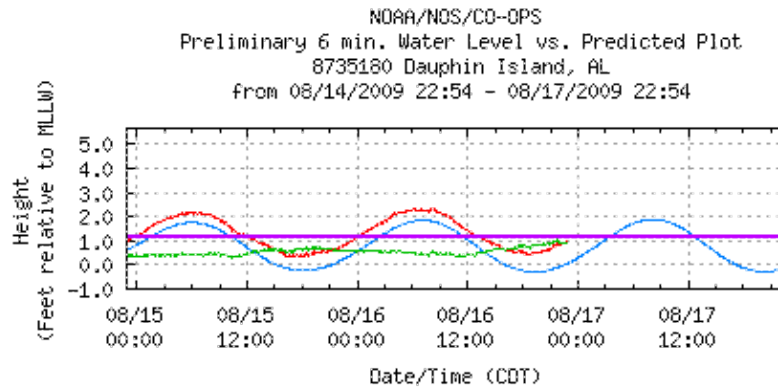


Last Observed Sample: 08/16/2009 22:48 (CDT)

Relative to **MLLW**: Observed: 0.82 ft. Predicted: 0.05 ft. Residual: 0.77 ft.

Historical Maximum Water Level: n/a

Dauphin Island, AL - Station Map [Return to List](#)

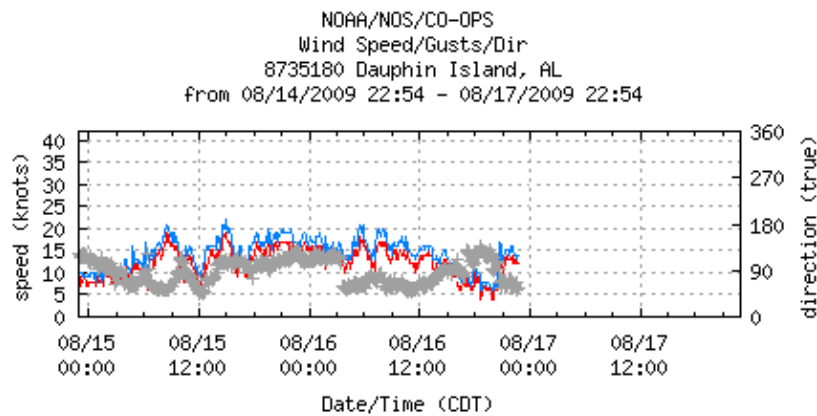


Last Observed Sample: 08/16/2009 22:42 (CDT)

Relative to **MLLW**: **Observed: 0.94 ft. Predicted: 0.01 ft. Residual: 0.93 ft.**

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

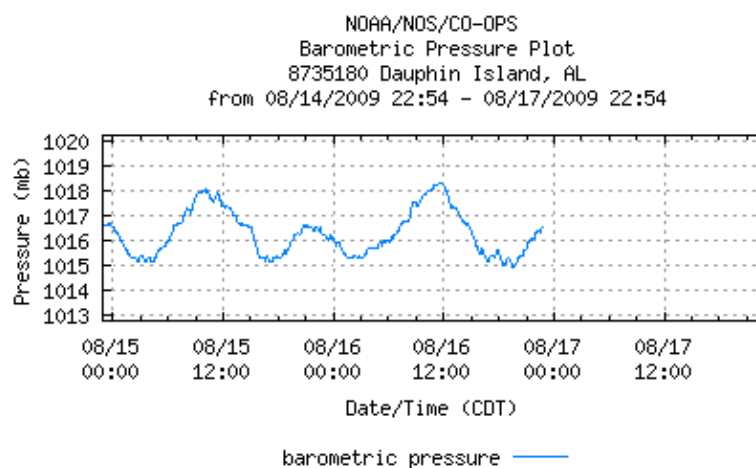
Dauphin Island, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 057° T

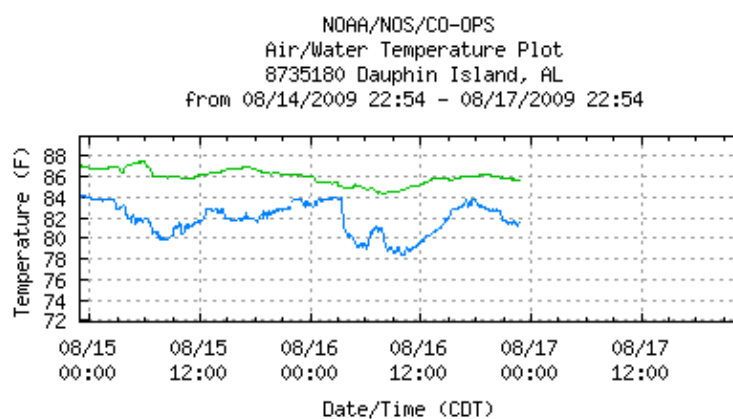
Dauphin Island, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)

Barometric Pressure: 1016.5 mb

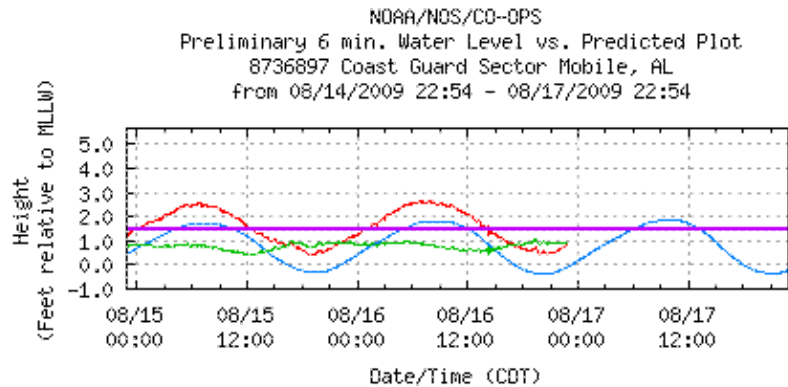
Dauphin Island, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)

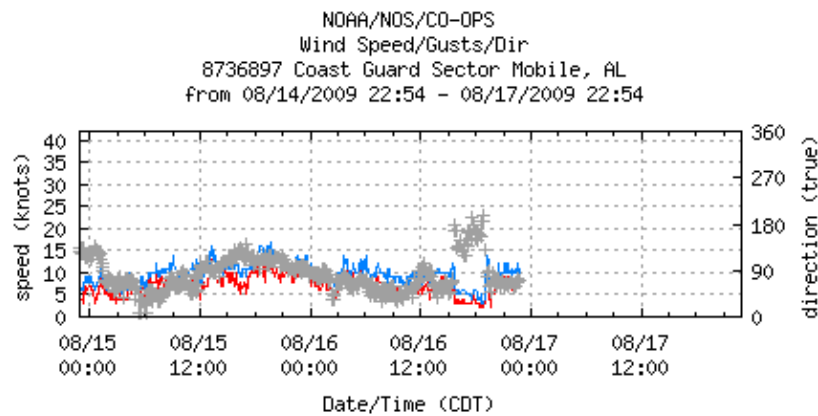
Water Temperature: 85.6° F Air Temperature: 81.5° F

Coast Guard Sector Mobile, AL - Station Map [Return to List](#)



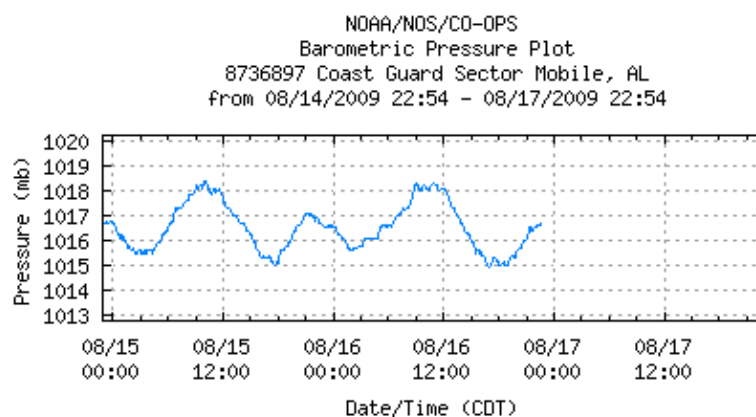
Last Observed Sample: 08/16/2009 22:42 (CDT)
Relative to **MLLW**: **Observed: 0.79 ft. Predicted: -0.13 ft. Residual: 0.92 ft.**
Historical Maximum Water Level: n/a

Coast Guard Sector Mobile, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)
Wind Speed: 8 knots Gusts: 10 knots Direction: 069° T

Coast Guard Sector Mobile, AL - Station Map [Return to List](#)

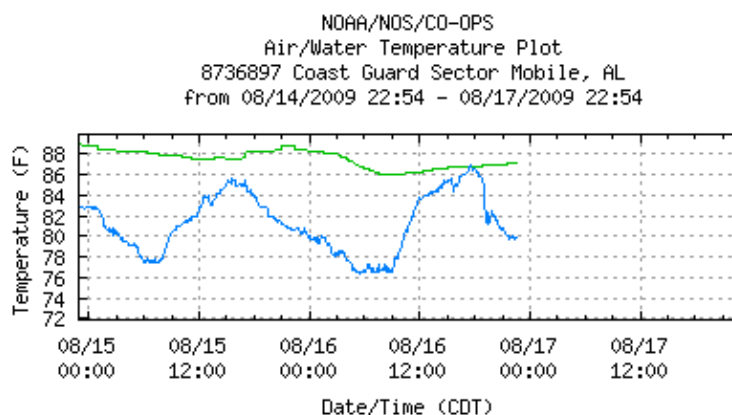


barometric pressure —

Last Observed Sample: 08/16/2009 22:36 (CDT)

Barometric Pressure: 1016.7 mb

Coast Guard Sector Mobile, AL - Station Map [Return to List](#)

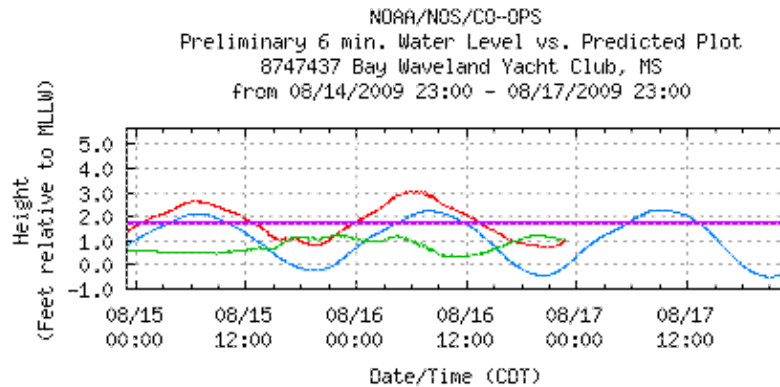


water temp. — air temp —

Last Observed Sample: 08/16/2009 22:36 (CDT)

Water Temperature: 87.1° F Air Temperature: 79.9° F

Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



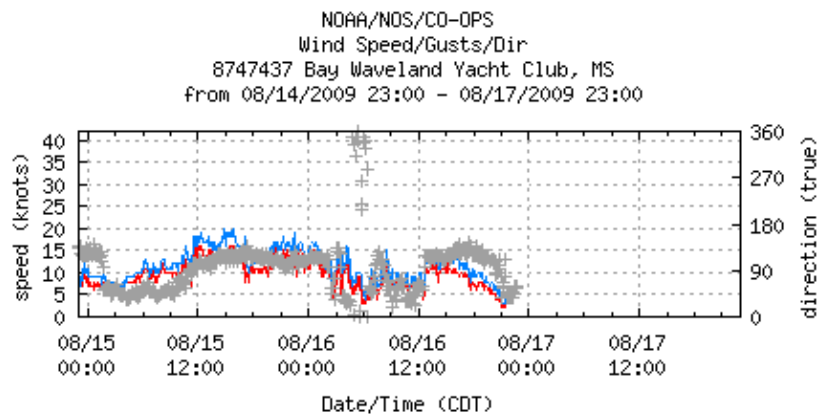
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/16/2009 22:42 (CDT)

Relative to **MLLW**: **Observed: 1.00 ft. Predicted: -0.09 ft. Residual: 1.09 ft.**

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**

Bay Waveland Yacht Club, MS - Station Map [Return to List](#)

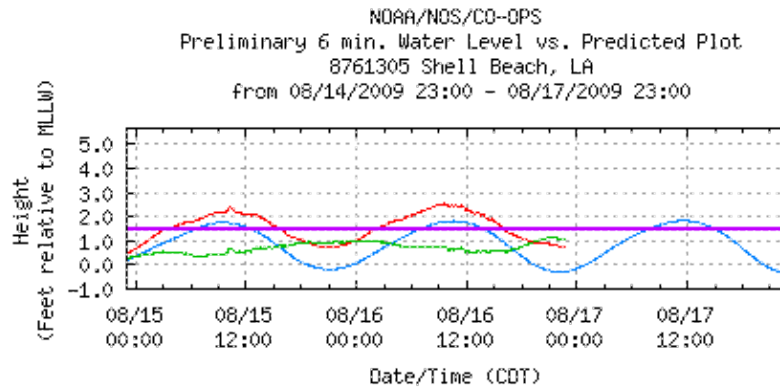


speed — gusts — direction +

Last Observed Sample: 08/16/2009 22:42 (CDT)

Wind Speed: 5 knots Gusts: 6 knots Direction: 058° T

Shell Beach, LA - Station Map [Return to List](#)

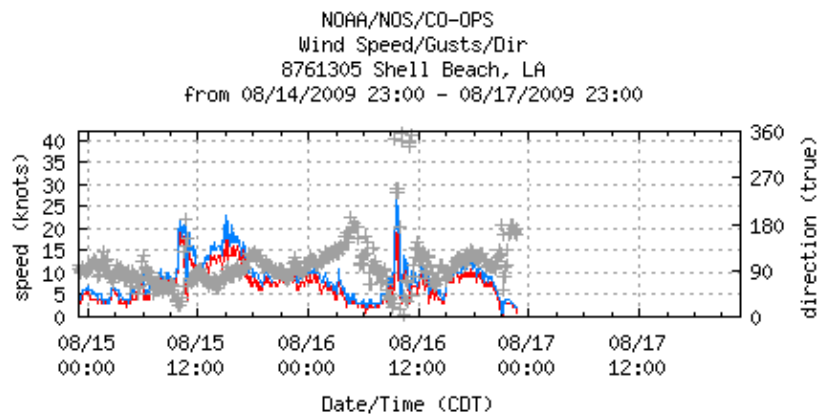


Last Observed Sample: 08/16/2009 22:42 (CDT)

Relative to **MLLW**: **Observed: 0.73 ft. Predicted: -0.29 ft. Residual: 1.02 ft.**

Historical Maximum Water Level: n/a

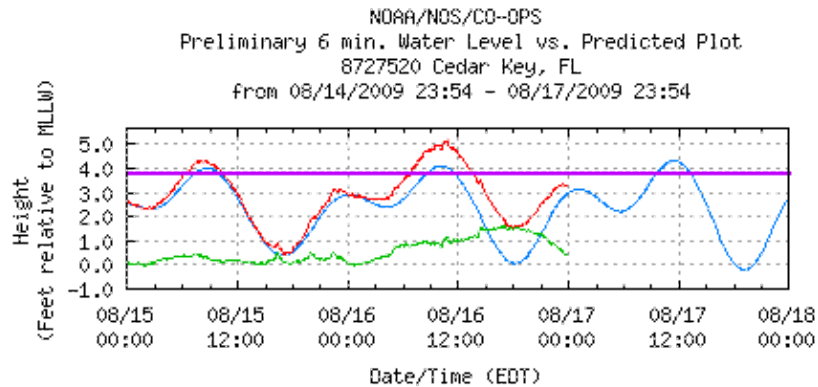
Shell Beach, LA - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 22:42 (CDT)

Wind Speed: 1 knots Gusts: 2 knots Direction: 159° T

Cedar Key, FL - Station Map [Return to List](#)



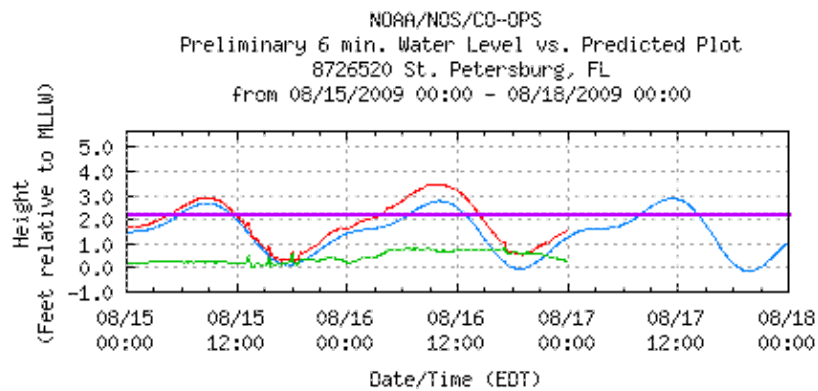
Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 08/16/2009 23:42 (EDT)

Relative to **MLLW**: **Observed: 3.32 ft. Predicted: 2.91 ft. Residual: 0.41 ft.**

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

St. Petersburg, FL - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 08/16/2009 23:48 (EDT)

Relative to **MLLW**: **Observed: 1.50 ft. Predicted: 1.22 ft. Residual: 0.28 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

Tropical Storm CLAUDETTE QuickLook, POSTED 23:00 CDT 08/16/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce